

Patent Application
Attorney Docket No.: ITW 12033

37. (New) The apparatus of claim 32 wherein the housing has an inner housing surface and at least one of the plurality of pins contacts the inner housing surface.

38. (New) The apparatus of claim 37 wherein the housing has an outer housing surface and at least one of the plurality of pins contacts the outer housing surface.

39. (New) The apparatus of claim 32 wherein the housing has an outer housing surface, and at least one of the plurality of pins contacts the outer housing surface.

40. (New) The apparatus of claim 32 wherein each of the plurality of pins is a dowel pin.

41. (New) The apparatus of claim 32 wherein each of the plurality of pins is cylindrical.

42. (New) The apparatus of claim 32 wherein the housing has a circular cross section.

43. (New) The apparatus of claim 32 wherein the contact with each of the plurality of pins is tangential.

44. (New) The method of claim 33 wherein at least one of the plurality of pins contacts an interior housing surface.

45. (New) The method of claim 44 wherein at least one of the plurality of pins contacts an outer housing surface.

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46. (New) The method of claim 33 wherein at least one of the plurality of pins contacts an outer housing surface.

47. (New) The method of claim 33 wherein each of the plurality of pins is cylindrical.

48. (New) The method of claim 33 wherein the housing has a circular cross section and further comprising: aligning the housing with a plurality of pins disposed on a second plate such that each of the plurality of pins disposed on the second plate contacts a surface of the housing to concentrically align the stator with the rotor.

49. (New) The method of claim 33 wherein the contact with each of the plurality of pins is tangential.

50. (New) The engine powered generator of claim 34 wherein the wall is substantially normal to the axis.

51. (New) The engine powered generator of claim 34 wherein each of the plurality of pins protrudes from the wall parallel to the axis.

52. (New) The engine powered generator of claim 34 wherein the plurality of pins includes at least three pins.

53. (New) The engine powered generator of claim 34 wherein the housing has an inner housing surface and at least one of the plurality of pins contacts the inner housing surface.

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54. (New) The engine powered generator of claim 34 wherein the stator is permanently affixed to the housing.

55. (New) An engine powered generator comprising:
an engine;
a plate mounted to the engine;
a generator, mounted to the plate, including a rotor, a stator and a housing wherein the stator is secured in the housing; and
means for contacting the surface of the housing to concentrically align the stator with the rotor, whereby the surface contacted is not a closed inner surface of a pilot hole.

56. (New) The apparatus of claim 55 wherein the means for contacting includes a plurality of pins disposed on the plate.

57. (New) The apparatus of claim 56 wherein the plurality of pins includes at least three pins.

58. (New) The apparatus of claim 56 wherein the plurality of pins includes at least six pins.

59. (New) The apparatus of claim 56 wherein each of the plurality of pins is round.

60. (New) The apparatus of claim 55 wherein the housing has an interior housing surface, and the means for

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contacting contact the interior housing surface to concentrically align the stator with the rotor.

61. (New) The apparatus of claim 55 wherein the housing has an outer housing surface, and the means for contacting contact the outer housing surface to concentrically align the stator with the rotor.

62. (New) The apparatus of claim 55 wherein the housing has a circular cross section.

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